

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Hasse Roland Abrahamsson et al. Art Unit : 1614  
Serial No. : 10/551,999 Examiner : Phyllis G. Spivack  
Filed : October 4, 2005 Conf. No. : 6477  
Title : USE OF AN IBAT INHIBITOR FOR THE TREATMENT OF PROPHYLAXIS  
OF CONSTIPATION

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

REVOCATION AND NEW POWER OF ATTORNEY AND ELECTION OF  
ASSIGNEE TO CONDUCT PROSECUTION TO EXCLUSION OF INVENTORS

Under 37 CFR §3.73(b) ALBIREO AB, a corporation, certifies that it is the assignee of 100% of the right, title and interest in the patent application identified above by virtue of:

☒ A chain of title from the inventors of the patent application identified above, to the current assignee as shown below. Copies of the assignments or other documents in the chain of title are attached hereto.

1. From Hasse Roland Abrahamsson, and Per-Goran Gillberg to AstraZeneca AB recorded in the Patent and Trademark Office at Reel 017852, Frame 0130 on October 4, 2005 against application serial no. 10/551,999; and

2. From AstraZeneca AB to Albireo AB recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_ on \_\_\_\_\_ against application serial no. 10/551,999.

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned, whose title is supplied below, is empowered to act on behalf of the assignee.

The undersigned authorizes the below-listed attorneys/agents to insert the Reel/Frame number and date of recordation of any assignment referenced herein, when known.

Applicant : Hasse Roland Abrahamsson et al.  
Serial No. : 10/551,999  
Filed : October 4, 2005  
Page : 2 of 2

Attorney Docket No.: 23854-0004US1

The undersigned, acting on behalf of the assignee, hereby revokes all powers of attorney previously granted in the application and appoints practitioners associated with:

**PTO CUSTOMER NO.: 26181**

as its attorneys to prosecute the application and to transact all business in the Patent and Trademark Office connected therewith with full powers of substitution and revocation, said appointment to be to the exclusion of the inventors and their attorney(s) in accordance with the provisions of 37 CFR § 3.71 *et seq.* of the Patent and Trademark Office Rules of Practice.

All correspondence regarding the application should be sent to:

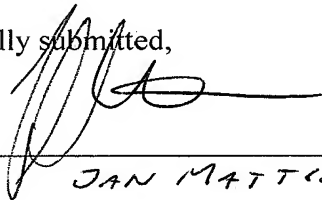
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Respectfully submitted,

Date: February 10, 2009

Name:



Title:

VP Operations  
ALBIREO AB

**Customer No.: 26181**  
Fish & Richardson P.C.  
Telephone: (650) 839-5070  
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DJB  
Desire

UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

JUNE 29, 2006

PTAS

MORGAN LEWIS & BOCKIUS LLP  
1111 PENNSYLVANIA AVENUE NW  
WASHINGTON, DC 20004



\*103233925A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

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RECORDATION DATE: 10/04/2005

REEL/FRAME: 017852/0130  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).  
DOCKET NUMBER: 056291-5214

ASSIGNOR:  
ABRAHAMSSON, HASSE ROLAND

DOC DATE: 08/24/2005

ASSIGNOR:  
GILLBERG, PER-GORAN

DOC DATE: 08/31/2005

ASSIGNEE:  
ASTRAZENECA AB  
S-151 85 SODERTALJE, SWEDEN

SERIAL NUMBER: 10551999  
PATENT NUMBER:

FILING DATE: 10/04/2005  
ISSUE DATE:

TITLE: USE OF AN IBAT INHIBITOR FOR THE TREATMENT OF PROPHYLAXIS OF  
CONSTIPATION

RECEIVED

JUL 6 2006

MORGAN LEWIS & BOCKIUS LLP

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JEEVON JONES, EXAMINER  
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## PATENT ASSIGNMENT

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## SUBMISSION TYPE:

NEW ASSIGNMENT

## NATURE OF CONVEYANCE:

ASSIGNMENT

## CONVEYING PARTY DATA

Name	Execution Date
AstraZeneca AB	02/05/2009

## RECEIVING PARTY DATA

Name:	Albireo AB
Street Address:	Arvid Wallgrens Backe 20
City:	Goteborg
State/Country:	SWEDEN
Postal Code:	SE-413 46

## PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	10551999

## CORRESPONDENCE DATA

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Email: [abriam@fr.com](mailto:abriam@fr.com)  
Correspondent Name: Richard G. Bone  
Address Line 1: FISH & RICHARDSON P.C.  
Address Line 2: P.O.BOX 1022  
Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022

<b>ATTORNEY DOCKET NUMBER:</b>	23854-0004US1
<b>NAME OF SUBMITTER:</b>	Richard G. A. Bone
<b>Signature:</b>	/Richard G. A. Bone/
<b>Date:</b>	02/11/2009
<b>Total Attachments: 1</b> source=Assignment_to_Albiroo_AB#page1.tif	
<b>RECEIPT INFORMATION</b>  EPAS ID: PAT795527 Receipt Date: 02/11/2009 Fee Amount: \$40	

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## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
AstraZeneca AB	02/05/2009
RECEIVING PARTY DATA	
Name:	Albireo AB
Street Address:	Arvid Wallgrens Backe 20
City:	Goteborg
State/Country:	SWEDEN
Postal Code:	SE-413 46
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	10551999
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ATTORNEY DOCKET NUMBER:	23854-0004US1
NAME OF SUBMITTER:	Richard G. A. Bone

Signature:	/Richard G. A. Bone/
Date:	02/11/2009
Total Attachments: 1 source=Assignment_to_Albiroo_AB#page1.tif	
<b>RECEIPT INFORMATION</b>  EPAS ID: PAT795527 Receipt Date: 02/11/2009 Fee Amount: \$40	



## ÖVERLÅTELSE

Jag, ÖVERLÅTAREN: AstraZeneca AB,  
förklarar härmed att jag överlåtit till FÖRVÄRVAREN:

Albireo AB

all min rätt till patent och bruksmönster i alla länder på en  
uppfinring gjord av:

ABRAHAMSSON, Hasse Roland;  
GILLBERG, Per-Göran

benämnd:

Use of an IBAT Inhibitor for the Treatment or Prophylaxis of  
Constipation

varå ansökan om patent inlämnats

den 4 oktober 2005

i USA

med ansökningsnummer : 10/551999

Överlåtelsen av ovannämnda rätt till uppfinring innefattar en  
övergång av rätten till patent och bruksmönster i alla länder,  
samt all rätt att i alla länder åberopa prioritet, enligt  
Pariskonventionen och varje därmed ekvivalent avtal, från den  
ovannämnda patentansökningen.

FÖRVÄRVAREN förfogar herefter ensam över uppfinringen  
och innehar med full äganderätt varje därå ansökt eller beviljat  
patent och bruksmönster i alla länder.

Jag, ÖVERLÅTAREN förpliktar mig att underteckna alla  
handlingar som erfordras för patents uttagande, och i övrigt alla  
sådana handlingar som kan erfordras för att göra de härmed  
överlåtna rättigheterna gällande.

Skulle hinder möta för ÖVERLÅTAREN att personligen  
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överlåtelsehandling såsom fullmakt för FÖRVÄRVAREN att för  
ÖVERLÅTARENS räkning - eller om denne senare skulle  
avlida, för ifrågavarande dödsbos räkning - underteckna  
nämnda handling.

## ASSIGNMENT

I, the ASSIGNOR: AstraZeneca AB,  
hereby declare that I have assigned to the ASSIGNEE:

Albireo AB

my entire right to patents and utility models, in all countries, on  
an invention made by:

ABRAHAMSSON, Hasse Roland;  
GILLBERG, Per-Göran

bearing the title:

Use of an IBAT Inhibitor for the Treatment or Prophylaxis of  
Constipation

for which an application for a patent has been filed

on 4 october 2005

in USA

with the Application No: 10/551999

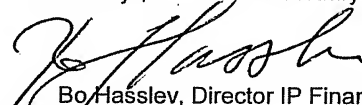
The assignment of the above mentioned right to an invention  
includes a transfer of the right to patents and utility models in all  
countries, and the right of priority, pursuant to the Paris  
Convention for the Protection of Industrial Property and any  
equivalent treaty, of the above identified patent application.

The ASSIGNEE alone hereinafter has the entire disposal of the  
invention and possesses entire ownership to any and all patents  
and utility models applied for or granted thereon in all countries.

I, the ASSIGNOR, undertake to sign all documents necessary  
for taking out a patent and, moreover, all such documents that  
may be required to assert the rights transferred hereby.

If the ASSIGNOR is prevented by any obstacles from signing  
said documents in person, this document of assignment shall be  
valid as a Power of Attorney for the ASSIGNEE to sign these  
documents on behalf of the ASSIGNOR or, in the event of the  
death of the latter, the estate thereof.

Ort och datum/Place and date  
Södertälje, Sweden 5 February 2009



Bo Hasslev, Director IP Finance

Överlåtarens underskrift/Signature of the Assignor

Överlåtarens adress/Address of the Assignor

AstraZeneca AB  
SE-151 85 Södertälje  
Sweden